



Metrics Planning and Reporting (MPAR) WG Overview

**H. K. (Rama) Ramapriyan
NASA/GSFC**

**Paul Davis
University of Maryland
Co-Chairs, MPARWG**

4th Earth Science Data Systems Working Group

Joint Working Group Meeting

Baltimore, MD

October 25-27, 2005

□ **Mission Statement for the WG**

- Review and recommend program-level performance metrics and collection tools that measure how well each data activity supports the NASA Science Mission Directorate's Earth science, application and education programs

□ **Membership in WG**

- WG membership open to NASA data and service provider community (REASoN projects, DAACs, SIPs, etc.)
- We are open to suggestions for participation by others

□ **Scope of Work**

- WG provides on-going MPAR review, evaluation, recommendations and metrics evolution for the NASA ES data and service provider community
- WG recommends additions, deletions or modifications to set of metrics. Recommendations may be approved or rejected by NASA. If approved, NASA Science Mission Directorate funded Earth science data and service providers will have to make recommended changes in their reporting

Status of FY 2005 Work Plan



❑ **Collection and Reporting Tool**

- Migrate Tool to GSFC - mostly done
 - Tool has been migrated; awaiting database migration (i.e., ensuring that metrics collected to-date are migrated intact)
- Implement Phase 2 Enhancements
 - Done, at UMD site (see demo Wednesday PM)
 - Released for use - July 2005
 - Includes link to enter “impact” metrics (nuggets, descriptive & pictorial material)

❑ **Improve collection**

- Monthly reminder to each REASoN Project - implemented starting November 2004

❑ **Annual update to metrics baseline (by March 2005)**

- Held back pending improved consistency in metrics
- Effort started to improve consistency through contacts with individual REASoN projects
- Ideas being solicited for new metrics for some REASoN Projects
 - Will be discussed at breakout sessions

❑ **Prototype automation of metrics collection**

- on hold
- ESDIS project’s metrics support staff has explored COTS tools to gather stats from web-logs (see poster Wednesday PM)

MPARWG Breakout Sessions



| 10/25/2005 | | Names | Start time | Duration |
|---|--|---|------------|----------|
| Introduction | | H. Ramapriyan | 1:30 | 0:10 |
| Metrics - HQ point of view | | Frank Lindsay | 1:40 | 0:20 |
| Updates to Website | | Paul Davis | 2:00 | 0:20 |
| Migration to GSFC site - status | | Kathy Fontaine | 2:20 | 0:15 |
| Resolution of Reporting "Anomalies" | | Greg Hunolt | 2:35 | 1:00 |
| Thoughts on Education Metric (Metric #10) | | John Pickle | 3:35 | 0:30 |
| Education REASoNs' Survey | | Glen Schuster | 4:05 | 0:30 |
| Introduction to next day's topics - Service, Efficiency and Project-Unique Metrics | | H. Ramapriyan | 4:35 | 0:25 |
| Adjourn | | | 5:00 | |
| 10/26/2005 | | | | |
| Ideas from REASoN Project attendees on Service, Efficiency and Project-Unique Metrics | | All (15 mins per project) - Moderated by Paul Davis | 8:30 | 2:30 |
| General discussion - items for recommendation to HQ | | All - Moderated by Rama | 11:00 | 0:30 |
| Adjourn | | | 11:30 | |
| 10/27/2005 | | | | |
| Draft recommendation to HQ | | Hunolt | 10:15 | 1:00 |
| Develop plenary session summary presentation | | Rama | 11:15 | 0:30 |
| Adjourn | | | 11:45 | |
| ESDSWG meeting – 10/27-29/2005 | | | | |



BACKGROUND SLIDES

MPARWG Membership



□ MPARWG members

| Name | Last Name | Location |
|-----------------------|------------------|------------------------------|
| Jeanne Behnke | Behnke | NASA |
| Wesley Berg | Berg | Colorado State Univ. |
| Bud Booth | Booth | SGT |
| Clyde Brown | Brown | NASA LaRC |
| Amy Budge | Budge | EDAC-UNM |
| Ken Casey | Casey | NOAA NODC |
| Lin Chambers | Chambers | NASA/LaRC |
| Saurabh Channan | Channan | UMD/GLCF |
| Peter Cornillon | Cornillon | URI |
| Paul Davis | Davis | Univ. of Maryland |
| Kathy Fontaine | Fontaine | NASA GSFC |
| Michael Goodman | Goodman | NASA MSFC/HQ |
| Danielle Gwinn | Gwinn | TRFIC/MSU |
| Tonjua Hines-Watts | Hines-Watts | GSFC/ESDIS |
| Greg Hunolt | Hunolt | SGT |
| John Jensen | Jensen | Univ. of South Carolina |
| Christian Kummerow | Kummerow | Colorado St. Univ. |
| Nettie La Belle-Hamer | La Bell-Hamer | ASF DAAC |
| Frank Lindsay | Lindsay | NASA HQ |
| Carol Meyer | Meyer | ESIP Federation |
| Bernard Minster | Minster | Scripps |
| Kevin Murphy | Murphy | SGT/UMD |
| Carrie Phelps | Phelps | NASA LaRC |
| John Pickle | Pickle | Museum of Science, Boston |
| H. K. Ramapriyan | Ramapriyan | NASA GSFC |
| Rob Raskin | Raskin | JPL |
| Patricia Reiff | Reiff | Rice Univ |
| Nazmi Saleous | Saleous | Raytheon/NASA GSFC |
| Glen Schuster | Schuster | US Satellite Laboratory |
| Tom Stanley | Stanley | NASA SSC |
| Bill Teng | Teng | NASA GSFC DAAC |
| Fred Watson | Watson | Calif St Univ Monterey Bay |
| Ron Weaver | Weaver | NSIDC-Univ. of Co |
| Dick Wertz | Wertz | Earth Science Foundation |
| Victor Zlotnicki | Zlotnicki | JPL |

Affiliated with at least one REASoN Project